ATAATGGGAA AGTACAATGG TTATTAAACC CGTAACAACT CCGAGTGTAA TACAATTAAC GCCTGATGAT AGAGTAACGC CTGATGATAA AGGTGAATAT CAACCCGTTG AAAAGCAAAT AGCGGGAGAT ATAATACGTG TACTAGAATT 101 CAAGCAAACA AATGAAAGTC ATACAGGATT GTATGGAATT GCATATCGAG 151 CTAAGAAAGT AATAATAGCA TATGCTTTAG CGGTAAGTGG TATTCATAAT 201 GTCTCTCAAC TTCCAGAAGA CTATTATAAA AATAAGGATA ACACAGGTAG 251 AATTTATCAA GAATACATGT CTAATCTTTT ATCTGCACTA TTGGGTGAGA 301 ATGGTGATCA AATTTCTAAA GATATGGCAA ATGATTTTAC CCAGAACGAA CTGGAGTTTG GAGGTCAACG TCTTAAAAAT ACCTGGGATA TTCCTGATCT 401 451 TGAGAATAAA CTATTGGAAG ATTATTCAGA TGAAGATAAA TTATTAGCAC TATATTTCTT TGCTTCACAA GAACTTCCAA TGGAGGCAAA TCAACAATCA 501 TOX R3 AATGCAGCAA ATTTTTTTAA AGTAATTGAT TTTTTACTTA TCTTATCTGC 551 TGTAACATCA CTGGGAAAAA GGATTTTTTC AAAAAATTTT TACAATGGTC 601 TAGAAACTAA ATCATTAGAG AATTATATTG AGAGAAAAA ACTTTCTAAA 651 CCTTTCTTTC GACCACCGCA GAAGTTACCT GATGGCAGAA CAGGCTACTT 701 GGCCGGTCCA ACAAAAGCGC CTAAATTGCC AACAACGTCT TCTACAGCAA 751 801 CAACGTCTAC AGCAGCTTCA TCTAATTGGA GAGTTAGTTT GCAAAAACTT AGAGATAACC CATCCAGAAA TACATTTATG AAAATGGATG ATGCTGCAAA 851 901 ACGAAAATAT AGTTCATTTA TAAAAGAGGT ACAAAAGGGT AATGATCCAC 951 GTGCAGCAGC AGCAAGTATT GGTACAAAAA GCGGCAGTAA CTTCGAAAAA 1001 CTGCAAGGTA GAGATTTATA TAGTATAAGA CTAAGCCAAG AACACAGGGT A24AC1 AACATTCTCC ATAAATAATA CTGACCAAAT AATGGAGATC CAAAGTGTTG GAACTCATTA CCAAAATATA TAACCTGATT TATAGTAGTG ATAAGACGTA 1101 AGATAAATAT GGAAGGTTGT AATTCTATTG CACTTCCTCA GAGGTGACCG 1201 CTCAG

## FIGURE 1 .

- 1 MVIKPVTTPS VIQLTPDDRV TPDDKGEYQP VEKQIAGDII RVLEFKQTNE
  51 SHTGLYGIAY RAKKVIIAYA LAVSGIHNVS QLPEDYYKNK DNTGRIYQEY
  101 MSNLLSALLG ENGDQISKDM ANDFTQNELE FGGQRLKNTW DIPDLENKLL
  151 EDYSDEDKLL ALYFFASQEL PMEANQQSNA ANFFKVIDFL LILSAVTSLG
  201 KRIFSKNFYN GLETKSLENY IERKKLSKPF FRPPQKLPDG RTGYLAGPTK
  251 APKLPTTSST ATTSTAASSN WRVSLQKLRD NPSRNTFMKM DDAAKRKYSS
  301 FIKEVQKGND PRAAAASIGT KSGSNFEKLQ GRDLYSIRLS QEHRVTFSIN
  351 NTDQIMEIQS VGTHYQNI
- FIGURE 2

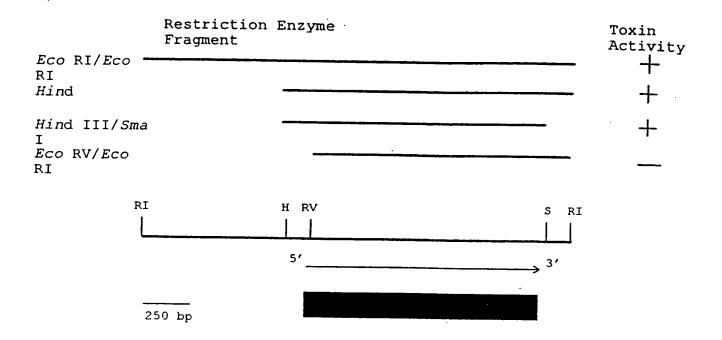


FIGURE 3

1	AAGCTTGCTA Hind III	ATAATTCTTG	CGTAAGTTAA	TTTTACATTG	AAATTAACGC
51	TTAAAAAGCC	AGGGAAAACT	CTATATTTAA	AGTTGAAATT	TATATTAGTA
101	GCGACAAATT	GCGGAGTTTT	CTGCCAGAAA	TTTCATAGCT	САААТАААСА
151	TTAACATAAT	GGAGAAATAT	AATGGTTATA	CAATTAACAC	CTGATGATAG
201	AAGTGGATAT	-	AAAAGCAAAT	AGCAGGAGAT	ATAGTACGTA
251			GATGAGGGTĆ	ATACAGCATC	ATATGGAATT
301	GAATATCGAG	CTAAGAAAAT	AATATTAGCT	TACGCTTTGG	
351	<u>TA</u> TTCATAAT	GTATCTAAAC	TTCCTGATGA	_	AC4R AATAAAGAGA
401	CTGCTGAGAG	AATTTATCAA	GAATATATGT	CTAATCTTTC	ATCTGCACTA
451	TTAGGTGAAA	ATGGTGATCA AC2F	AATTTCTAAA	GATATGGCAA	ATGGTTTTTA
501	TAAGAATGAA	CTGGATTTTG	AAGGTCAATA	TCCTCAAAAC	ATTTGGAATG
551	TTCCTGAGCT	TGAAAATAAA	CCATTGAGTG	CTTATTCAGA AC7R	TGACGATAAA
601	TTATTAGCAC	TATATTTTTT	CTCTGTACAG	GAAATTCCAC	TGGAGGAAAA
651	TCAACAATCA	AATGCCGCAA	GATTTTTAA	ATTAATTGAT	TTCTTATTTA
701	CCTTATCTGC	TGTAACTTCA	CTGGGAAGGA	GGATTTTTTC	AAAAAACTTT
751	TACAATGGAT	TAGAGGCTAA	ATCATTAGAG AC6F	AATTATATTG	AGAGAAAAA
801	ACTTTCTAAA	CCTTTCTTTC		GAGATTACCT	GATGGCAGAA
851	TAGGTTATTT	GGCTGGACCA	ACAGAAGCGC	CTAAATGGAG	AGTGAGTTTT
901	AAAGAACTTA	ААААТААСАА	AC5R ATCTAGGAAT	GGATTTTCTA	ATATGGAAGG
951	GGCTGCAAAA	CAAAAGTATA	GTTCATTTAT	AAAAGAGGTA	CAAAAGGGTA
001	ACGCTCCACA	GACAGCAGCG	AAAAGTATTG	GTACAGCCAG	TGGCAGTAAC
051	CTGGAAAAAT	TGCCGAATAA	TTTATATAGT	GTGAGGCTAA	
101	CAGGGTAACC	TTTACTCAAA	ATGATACTGA	CAATACAATG	AC3F ACGGTTCATA
151	GTGTTGGÁAC	TCATTATAAA	AATATATGAT	GAGTAATCTC	ACBR TGACTTCGAT
1201	TGACAGAGCA	TTTTTAAGCT	CTCATTTTCT	CAACGGGAGT	CTCATAAGĠC
1251	GTTTTACTTT	TCAAGCCACT	ATGTGGTCTG	TGATAATTGT	AAAACGCCTT
1301	CTTTTAGCCA	ATACACTTTA	CTACCAAGAA	AATATATACC	CTATGGATTT
1351	C.AAGATGGAT	V16AC1 CGCGGCGGCA	AGGGAGCGAA	TCCCCGGG	
				Sma I	

- 1 MVIQLTPDDR SGYPPVEKQI AGDIVRILNF KQTDEGHTAS YGIEYRAKKI
- 51 ILAYALAVSG IHNVSKLPDD YYKNKETAER IYQEYMSNLS SALLGENGDQ
- 101 ISKDMANGFY KNELDFEGQY PQNIWNVPEL ENKPLSAYSD DDKLLALYFF
- 151 SVQEIPLEEN QQSNAARFFK LIDFLFTLSA VTSLGRRIFS KNFYNGLEAK
- 201 SLENYIERKK LSKPFFRPPQ RLPDGRIGYL AGPTEAPKWR VSFKELKNNK
- 251 SRNGFSNMEG AAKQKYSSFI KEVQKGNAPQ TAAKSIGTAS GSNLEKLPNN
- 301 LYSVRLSQKD RVTFTQNDTD NTMTVHSVGT HYKNI

## FIGURE 5

17	ATGGTTATTAAACCCGTAACAACTCCGAGTGTAATACAATTAACGCCTGA	66
172	ATGGT	176
67	TGATAGAGTAACGCCTGATGATAAAGGTGAATATCAACCCGTTGAAAAGC	116
177	PATACAATTAACACCTGATGATAGAGAGTGGATATCCACCCGTTGAAAAGC	22 <sup>6</sup>
117	AAATAGCGGGAGATATAATACGTGTACTAGAATTCAAGCAAACAAA	166
227	AAATAGCAGGAGATATAGTACGTATACTAAACTTTAAGCAAACAGATGAG	276
167	AGTCATACAGGATTGTATGGAATTGCATATCGAGCTAAGAAAGTAATAAT	216
277	GGTCATACAGCATCATATGGAATTGAATATCGAGCTAAGAAAATAATATT	326
217	AGCATATGCTTTAGCGGTAAGTGGTATTCATAATGTCTCTCAACTTCCAG	266
327		376
267	AAGACTATTATAAAAATAAGGATAACACAGGTAGAATTTATCAAGAATAC	316
377	ATGACTATTATAAGAATAAAGAGACTGCTGAGAGAATTTATCAAGAATAT	426
317	ATGTCTAATCTTTTATCTGCACTATTGGGTGAGAATGGTGATCAAATTTC	366
427	ATGTCTAATCTTCATCTGCACTATTAGGTGAAAATGGTGATCAAATTTC	476
367	TAAAGATATGGCAAATGATTTTACCCAGAACGAACTGGAGTTTGGAGGTC	416
477		526
417	AACGTCTTAAAAATACCTGGGATATTCCTGATCTTGAGAATAAACTATTG	466
527	AATATCCTCAAAACATTTGGAATGTTCCTGAGCTTGAAAATAAACCATTG	576
467	GAAGATTATTCAGATGAAGATAAATTATTAGCACTATATTTCTTTGCTTC	516
577	AGTGCTTATTCAGATGACGATAAATTATTAGCACTATATTTTTCTCTGT	626
517	ACAAGAACTTCCAATGGAGGCAAATCAACAATCAAATGCAGCAAATTTTT	566
627	ACAGGAAATTCCACTGGAGGAAAATCAACAATCAAATGCCGCAAGATTTT	676
567	TTAAAGTAATTGATTTTTTACTTATCTTATCTGCTGTAACATCACTGGGA	616
677	TTAAATTAATTGATTTCTTATTTACCTTATCTGCTGTAACTTCACTGGGA	726
617	AAAAGGATTTTTCAAAAAATTTTTACAATGGTCTAGAAACTAAATCATT	666
727	AGGAGGATTTTTCAAAAAACTTTTACAATGGATTAGAGGCTAAATCATT	776
667	AGAGAATTATATTGAGAGAAAAAACTTTCTAAACCTTTCTTT	716
777	AGAGAATTATATTGAGAGAAAAAAACTTTCTAAACCTTTCTTT	826
717	CGCAGAAGTTACCTGATGGCAGAACAGGCTACTTGGCCGGTCCAACAAAA	766
827	CGCAGAGATTACCTGATGGCAGAATAGGTTATTTGGCTGGACCAACAA	876

767	GCGCCTAAATTGCCAACAACGTCTTCTACAGCAACAACGTCTACAGCAGC	816
877		885
817	TTCATCTAATTGGAGAGTTAGTTTGCAAAAACTTAGAGATAACCCATCCA	866
886	TGGAGAGTGAGTTTTAAAGAACTTAAAAATAACAAATCTA	925
867	GAAATACATTTATGAAAATGGATGATGCTGCAAAACGAAAATATAGTTCA	916
926	GGAATGGATTTCTAATATGGAAGGGGCTGCAAAACAAAGTATAGTTCA	975
917		966
976		1025
967		1016
1026		1072
1017	TATATAGTATAAGACTAAGCCAAGAACACAGGGTAACATTCTCCATAAAT	1066
	AATACTGACCAAATAATGGAGATCCAAAGTGTTGGAACTCATTACCAAAA	
	GATACTGACAATACAATGACGGTTCATAGTGTTGGAACTCATTATAAAAA	11/2
	TATA 1120	
1173	TATATGA 1179	

Figure 6 continued

1	MVIKPVTTPSVIQLTPDDRVTPDDKGEYQPVEKQIAGDIIRVLEFKQTNE	50
1		35
		•.
51	SHTGLYGIAYRAKKVIIAYALAVSGIHNVSQLPEDYYKNKDNTGRIYQEY	100
36	:  :    .    : :	85
101	MSNLLSALLGENGDQISKDMANDFTQNELEFGGQRLKNTWDIPDLENKLL	150
0.0	1111 1111111111111111111111111111111111	
86	MSNLSSALLGENGDQISKDMANGFYKNELDFEGQYPQNIWNVPELENKPL	135
151	${\tt EDYSDEDKLLALYFFASQELPMEANQQSNAANFFKVIDFLLILSAVTSLG}$	200
136	:	185
	•	
201	KRIFSKNFYNGLETKSLENYIERKKLSKPFFRPPQKLPDGRTGYLAGPTK	250
186	:	235
		300
23€		268
301	FIKEVQKGNDPRAAAASIGTKSGSNFEKLQGRDLYSIRLSQEHRVTFSIN	350
269	FIKEVQKGNAPQTAAKSIGTASGSNLEKLPN.NLYSVRLSQKDRVTFTQN	317
351	NTDQIMEIQSVGTHYQNI 368	
210	:   .::      .   DTDNTMTVHSVCTHYKNI 335	

FIGURE 7

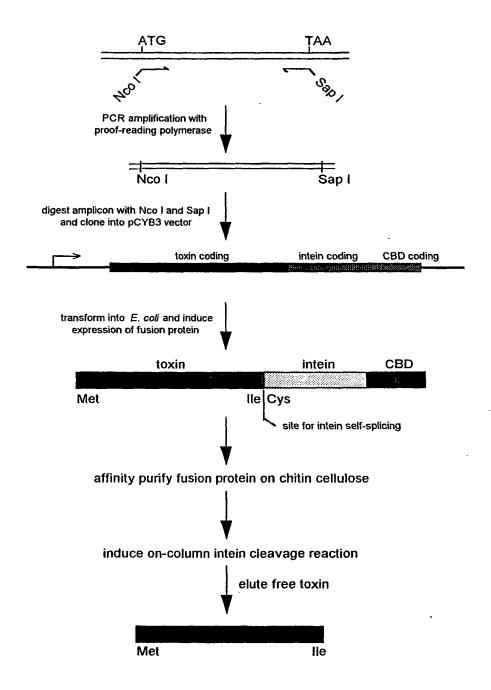


Figure 8.